Message

From: Rauscher, Jon [Rauscher.Jon@epa.gov]
Sent: 10/18/2017 10:11:06 PM
To: Smith, Monica [smith.monica@epa.gov]; Crossland, Ronnie [Crossland.Ronnie@epa.gov]
CC: Carroll, Craig [Carroll.Craig@epa.gov]; Bernier, Roberto [bernier.roberto@epa.gov]; Villarreal, Chris [villarreal.chris@epa.gov]
Subject: RE: Arkema aerial surveillance data PRESS INQUIRY NPR

The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) used its Fourier transform infrared spectrometer (FTIR) to identify and screen chemicals, and an infrared line scanner to image and map chemical plumes. The FTIR detects organic peroxides as a group of chemicals and not as individual chemicals.

From: Smith, Monica
Sent: Wednesday, October 18, 2017 12:53 PM
To: Crossland, Ronnie <Crossland.Ronnie@epa.gov>
Cc: Carroll, Craig <Carroll.Craig@epa.gov>; Rauscher, Jon <Rauscher.Jon@epa.gov>; Bernier, Roberto <bernier.roberto@epa.gov>
Subject: RE: Arkema aerial surveillance data PRESS INQUIRY NPR

Ronnie – Craig sent this to Jon Rauscher to assist in responding to David's original email.

Monica

From: Crossland, Ronnie
Sent: Wednesday, October 18, 2017 12:47 PM
To: Smith, Monica <smith.monica@epa.gov>
Subject: FW: Arkema aerial surveillance data PRESS INQUIRY NPR

Monica,

Are you working on this? Should we give to Roberto?

Ronnie

From: Phillips, Pam
Sent: Wednesday, October 18, 2017 12:39 PM
To: Crossland, Ronnie <Crossland.Ronnie@epa.gov>
Subject: FW: Arkema aerial surveillance data PRESS INQUIRY NPR

From: Edlund, Carl
Sent: Wednesday, October 18, 2017 12:16 PM
To: Thompson, Steve <thompson.steve@epa.gov>
Cc: Carroll, Craig <Carroll.Craig@epa.gov>; Phillips, Pam <phillips.pam@epa.gov>; Smith, Monica <smith.monica@epa.gov>
Subject: Fwd: Arkema aerial surveillance data PRESS INQUIRY NPR

Steve may be able to identify the kind of organic peroxide (they were pretty evasive with us). I think the offsite samples were water samples collected 1.5 miles from Arkema and analyzed by PHILIS

Sent from my iPad

Begin forwarded message:

From: "Gray, David" <gray.david@epa.gov>
Date: October 18, 2017 at 10:48:13 AM CDT
To: "Coleman, Sam" <Coleman.Sam@epa.gov>, "Carroll, Craig" <Carroll.Craig@epa.gov>, "Smith, Monica" <smith.monica@epa.gov>, "Edlund, Carl" <Edlund.Carl@epa.gov>
Subject: FW: Arkema aerial surveillance data PRESS INQUIRY NPR

Craig & Monica

Can you help with these follow up questions?

David

From: Rebecca Hersher [mailto:RHersher@npr.org]
Sent: Wednesday, October 18, 2017 10:35 AM
To: Gray, David <gray.david@epa.gov>
Subject: [SPAM] Arkema aerial surveillance data

Hi David,

Thanks again for setting up the interview with Mr. Coleman last week. It was very helpful.

I have a 2 follow-up questions I'm hoping you can help me with. Both Mr. Coleman and local emergency officials have mentioned the importance of reporting air monitoring data in context, so I want to make sure I'm clear about details of the data collected by the EPA's aerial surveillance aircraft about the smoke over the Arkema facility in Crosby, TX on 9/1.

Mr. Coleman explained the findings of the data analysis (that there were no dangerous levels detected of any of the organic peroxides that burned). Can you tell me which organic peroxides, specifically, were among the 78 chemicals the aircraft tested for?

I'm also wondering if you can clarify this sentence from the original press release about the findings: *Neither testing methods found toxic concentration levels in areas away from the evacuated facility.* What does "areas away from the evacuated facility" mean in the context of the air monitoring? Does it refer to any/all areas outside the 1.5 mile mandatory evacuation radius, and if so, over what portion of that area was the aircraft able to test?

Thanks so much,
Rebecca

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